

# MILBRO REFRACTORIES, INC.

## SUPER MILTROUGH P

A, super erosion resistant, high performance, trough & tap hole plastic. Designed to outperform conventional materials in resistance to erosion and the corrosive effects of molten metals & slags. Excellent workability aids in ease of installation.

<b>Service Temperature</b>	<b>3300° F</b>
<b>Melting Point</b>	<b>3385° F</b>
<b>Material Required for Estimating</b>	<b>175 lbs./ft<sup>3</sup></b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	89.5
SiO <sub>2</sub>	6.3
Fe <sub>2</sub> O <sub>3</sub>	0.6
TiO <sub>2</sub>	0.5
MgO	0.2
CaO	0.1

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	475-650	1600-1950	0.2 S
2000°F	400-600	1350-1750	0.1 S
2500°F	600-750	2300-2850	0.1 E
3000°F	400-550	1900-2550	0.2 E